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Aiello, Maria Antonietta
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Alkhrdaji, Tarek
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Al-Ubaidi, H.
Flexural and Torsional Properties of Pultruded Fiber Reinforced Plastic I-Profiles. —T. M. Roberts and H. Al-Ubaidi; 6(1), 28-34 (2002).

Annaiah, Raghu H.
Strengthening of Short Shear Span Reinforced Concrete T Joists with Fiber-Reinforced Plasic Composites. — Francesco Micelli, Raghu H. Annaiah, and Antonio Nanni; 6(4), 264-71 (2002).

Antonopoulos, Costas P.
Analysis of FRP-Strengthened RC Beam-Column Joints. —Costas P. Antonopoulos and T. C. Triantafillou; 6(1), 41-51 (2002).

Bakis, C. E.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. —C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Bank, Lawrence C.
Editor's Note. —Lawrence C. Bank; 6(1), 1-2 (2002).
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. —C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Benmokrane, Brahim
Durability of Glass Fiber-Reinforced Polymer Reinforcing Bars in Concrete Environment. —Brahim Benmokrane, Peng Wang, Tan Minh Ton-That, Habib Rahman, and Jean-Francois Robert; 6(3), 143-53 (2002).

Brown, V. L.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. —C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Chidiac, S. E.
Upgrading Torsional Resistance of Reinforced Concrete Beams Using Fiber-Reinforced Polymer. — A. Ghobarah, M. N. Ghorbel, and S. E. Chidiac; 6(4), 257-63 (2002).

Cosenza, E.
Closure to "Experimental Response and Code Models of GFRP RC Beams in Bending" by M. Pecce, G. Manfredi, and E. Cosenza. — M. Pecce, G. Manfredi, and E. Cosenza; 6(1), 71 (2002).
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. — C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).
Research Needs and Unresolved Issues of Composites for Built Infrastructure. — E. Cosenza and G. Manfredi; 6(3), 141-2 (2002).

Davalos, J. F.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. — C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Fam, Amir Z.
Flexural Behavior of Concrete-Filled Fiber-Reinforced Polymer Circular Tubes. —Amir Z. Fam and Sami H. Rizkalla; 6(2), 123-32 (2002).

Fonseca, Fernando S.
Strength and Behavior of Hybrid Diaphragms. —Johnn P. Judd and Fernando S. Fonseca; 6(4), 215-23 (2002).

GangaRao, Hota V. S.
Effect of Aging Environment on Degradation of Glass-Reinforced Epoxy. —Somjai Kajorncheappunngam, Rakesh K. Gupta, and Hota V. S. GangaRao; 6(1), 61-9 (2002).

Gentile, Chris
Timber Beams Strengthened with GFRP Bars: Development and Applications. —Chris Gentile, Dagmar Svecova, and Sami H. Rizkalla; 6(1), 11-20 (2002).

Gergely, Janos
Carbon-Fiber-Reinforced Polymer Seismic Retrofit of RC Bridge Bent: Design and In Situ Validation. — Chris P. Pantelides and Janos Gergely; 6(1), 52-60 (2002).

Ghobarah, A.
Upgrading Torsional Resistance of Reinforced Concrete Beams Using Fiber-Reinforced Polymer. — A. Ghobarah, M. N. Ghorbel, and S. E. Chidiac; 6(4), 257-63 (2002).

Ghorbel, M. N.
Upgrading Torsional Resistance of Reinforced Concrete Beams Using Fiber-Reinforced Polymer. — A. Ghobarah, M. N. Ghorbel, and S. E. Chidiac; 6(4), 257-63 (2002).

Guadagnini, Maurizio
Design Philosophy Issues of Fiber Reinfored Polymer Reinforced Concrete Structures. — Kypros Pilakoutas, Kyriacos Neocleous, and Maurizio Guadagnini; 6(3), 154-61 (2002).

Gupta, Rakesh K.
Effect of Aging Environment on Degradation of Glass-Reinforced Epoxy. — Somjai Kajorncheappunngam, Rakesh K. Gupta, and Hota V. S. GangaRao; 6(1), 61-9 (2002).

Hall, J. D.
Ductile Anchorage for Connecting FRP Strengthening of Under-Reinforced Masonry Buildings. — J. D. Hall, P. M. Schuman, and H. R. Hamilton, III; 6(1), 3-10 (2002).

Hamilton, H. R., III
Ductile Anchorage for Connecting FRP Strengthening of Under-Reinforced Masonry Buildings. — J. D. Hall, P. M. Schuman, and H. R. Hamilton, III; 6(1), 3-10 (2002).

Iskander, Magued G.
Wave Equation Analyses of Fiber-Reinforced Polymer Composite Piling. — Magued G. Iskander and Anna Stachula; 6(2), 88-96 (2002).
Errata for "Wave equation analyses of fiber reinforced polymer composite piling" by Magued G. Iskander and Anna Stachula. —Magued G. Iskander and Anna Stachula; 6(4), 288 (2002).

Judd, Johnn P.
Strength and Behavior of Hybrid Diaphragms. —Johnn P. Judd and Fernando S. Fonseca; 6(4), 215-23 (2002).

Kajorncheappunngam, Somjai
Effect of Aging Environment on Degradation of Glass-Reinforced Epoxy. —Somjai Kajorncheappunngam, Rakesh K. Gupta, and Hota V. S. GangaRao; 6(1), 61-9 (2002).

Karbhari, V. M.
Response of Fiber Reinforced Polymer Confined Concrete Exposed to Freeze and Freeze-Thaw Regimes. — V. M. Karbhari; 6(1), 35-40 (2002).

Kelley, Paul L.
Evaluation and Carbon Fiber Reinforced Polymer Strengthening of Existing Garage: Case Study. —Milan Vatovec, Paul L. Kelley, Tarek Alkhrdaji, and Antonio Nanni; 6(3), 184-93 (2002).

Kilpatrick, Andrew
Discussion of "Experimental Response and Code Models of GFRP RC Beams in Bending," by M. Pecce, G. Manfredi, and E. Cosenza. —Andrew Kilpatrick; 6(1), 70 (2002).

Kishima, T.
Life-Cycle Cost of All-Composite Suspension Bridge. — S. Meiarashi, I. Nishizaki, and T. Kishima; 6(4), 206-14 (2002).

Kouadio, Serge
Durability of Fiberglass Composite Sheet Piles in Water. — Yixin Shao and Serge Kouadio; 6(4), 280-7 (2002).

Lees, J. M.
External Prestressed Carbon Fiber-Reinforced Polymer Straps for Shear Enhancement of Concrete. — J. M. Lees, A. U. Winistörfer, and U. Meier; 6(4), 249-56 (2002).

Lesko, J. J.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. — C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Lopez-Anido, Roberto
Structural Characterization of Hybrid Fiber-Reinforced Polymer-Glulam Panels for Bridge Decks. — Roberto Lopez-Anido and Han Xu; 6(3), 194-203 (2002).

Machida, A.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. — C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Malek, Amir M.
Flexural Strengthening of Reinforced Concrete Flanged Beams with Composite Laminates. —Amir M. Malek and Kalpesh Patel; 6(2), 97-103 (2002).

Manfredi, G.
Closure to "Experimental Response and Code Models of GFRP RC Beams in Bending" by M. Pecce, G. Manfredi, and E. Cosenza. —M. Pecce, G. Manfredi, and E. Cosenza; 6(1), 71 (2002).
Research Needs and Unresolved Issues of Composites for Built Infrastructure. —E. Cosenza and G. Manfredi; 6(3), 141-2 (2002).

Meiarashi, S.
Long-Term Deterioration of GFRP in Water and Moist Environment. —I. Nishizaki and S. Meiarashi; 6(1), 21-7 (2002).
Life-Cycle Cost of All-Composite Suspension Bridge. — S. Meiarashi, I. Nishizaki, and T. Kishima; 6(4), 206-14 (2002).

Meier, U.
External Prestressed Carbon Fiber-Reinforced Polymer Straps for Shear Enhancement of Concrete. — J. M. Lees, A. U. Winistörfer, and U. Meier; 6(4), 249-56 (2002).

Micelli, Francesco
Strengthening of Short Shear Span Reinforced Concrete T Joists with Fiber-Reinforced Plasic Composites. — Francesco Micelli, Raghu H. Annaiah, and Antonio Nanni; 6(4), 264-71 (2002).

Mirmiran, Amir
Flexural Creep Tests and Modeling of Concrete-Filled Fiber Reinforced Polymer Tubes. —Wassim Naguib and Amir Mirmiran; 6(4), 272-9 (2002).

Modena, Claudio
Fiber Reinforced Polymer Shear Strengthening of Reinforced Concrete Beams with Transverse Steel Reinforcement. — Carlo Pellegrino and Claudio Modena; 6(2), 104-11 (2002).

Monti, Giorgio
Reliability-based Calibration of Partial Safety Coefficients for Fiber-Reinforced Plastic. — Giorgio Monti and Silvia Santini; 6(3), 162-7 (2002).

Moran, Domingo A.
Variable Strain Ductility Ratio for Fiber-Reinforced Polymer-Confined Concrete. — Domingo A. Moran and Chris P. Pantelides; 6(4), 224-32 (2002).
Stress-Strain Model for Fiber-Reinforced Polymer-Confined Concrete. — Domingo A. Moran and Chris P. Pantelides; 6(4), 233-40 (2002).

Naguib, Wassim
Flexural Creep Tests and Modeling of Concrete-Filled Fiber Reinforced Polymer Tubes. — Wassim Naguib and Amir Mirmiran; 6(4), 272-9 (2002).

Nanni, Antonio
Evaluation and Carbon Fiber Reinforced Polymer Strengthening of Existing Garage: Case Study. —Milan Vatovec, Paul L. Kelley, Tarek Alkhrdaji, and Antonio Nanni; 6(3), 184-93 (2002).
Strengthening of Short Shear Span Reinforced Concrete T Joists with Fiber-Reinforced Plasic Composites. — Francesco Micelli, Raghu H. Annaiah, and Antonio Nanni; 6(4), 264-71 (2002).

Neocleous, Kyriacos
Design Philosophy Issues of Fiber Reinfored Polymer Reinforced Concrete Structures. —Kypros Pilakoutas, Kyriacos Neocleous, and Maurizio Guadagnini; 6(3), 154-61 (2002).

Nishizaki, I.
Long-Term Deterioration of GFRP in Water and Moist Environment. —I. Nishizaki and S. Meiarashi; 6(1), 21-7 (2002).
Life-Cycle Cost of All-Composite Suspension Bridge. — S. Meiarashi, I. Nishizaki, and T. Kishima; 6(4), 206-14 (2002).

Ombres, Luciano
Structural Performances of Concrete Beams with Hybrid (Fiber-Reinforced Polymer-Steel) Reinforcements. — Maria Antonietta Aiello and Luciano Ombres; 6(2), 133-40 (2002).

Pantelides, Chris P.
Carbon-Fiber-Reinforced Polymer Seismic Retrofit of RC Bridge Bent: Design and In Situ Validation. — Chris P. Pantelides and Janos Gergely; 6(1), 52-60 (2002).
Variable Strain Ductility Ratio for Fiber-Reinforced Polymer-Confined Concrete. —Domingo A. Moran and Chris P. Pantelides; 6(4), 224-32 (2002).
Stress-Strain Model for Fiber-Reinforced Polymer-Confined Concrete. —Domingo A. Moran and Chris P. Pantelides; 6(4), 233-40 (2002).

Patel, Kalpesh
Flexural Strengthening of Reinforced Concrete Flanged Beams with Composite Laminates. —Amir M. Malek and Kalpesh Patel; 6(2), 97-103 (2002).

Pecce, M.
Closure to "Experimental Response and Code Models of GFRP RC Beams in Bending" by M. Pecce, G. Manfredi, and E. Cosenza. — M. Pecce, G. Manfredi, and E. Cosenza; 6(1), 71 (2002).

Pellegrino, Carlo
Fiber Reinforced Polymer Shear Strengthening of Reinforced Concrete Beams with Transverse Steel Reinforcement. — Carlo Pellegrino and Claudio Modena; 6(2), 104-11 (2002).

Pilakoutas, Kypros
Design Philosophy Issues of Fiber Reinfored Polymer Reinforced Concrete Structures. — Kypros Pilakoutas, Kyriacos Neocleous, and Maurizio Guadagnini; 6(3), 154-61 (2002).

Rahman, Habib
Durability of Glass Fiber-Reinforced Polymer Reinforcing Bars in Concrete Environment. — Brahim Benmokrane, Peng Wang, Tan Minh Ton-That, Habib Rahman, and Jean-Francois Robert; 6(3), 143-53 (2002).

Rizkalla, S. H.
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. —C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Rizkalla, Sami H.
Timber Beams Strengthened with GFRP Bars: Development and Applications. —Chris Gentile, Dagmar Svecova, and Sami H. Rizkalla; 6(1), 11-20 (2002).
Flexural Behavior of Concrete-Filled Fiber-Reinforced Polymer Circular Tubes. —Amir Z. Fam and Sami H. Rizkalla; 6(2), 123-32 (2002).

Robert, Jean-Francois
Durability of Glass Fiber-Reinforced Polymer Reinforcing Bars in Concrete Environment. —Brahim Benmokrane, Peng Wang, Tan Minh Ton-That, Habib Rahman, and Jean-Francois Robert; 6(3), 143-53 (2002).

Roberts, T. M.
Flexural and Torsional Properties of Pultruded Fiber Reinforced Plastic I-Profiles. —T. M. Roberts and H. Al-Ubaidi; 6(1), 28-34 (2002).
Influence of Shear Deformation on Buckling of Pultruded Fiber Reinforced Plastic Profiles. —T. M. Roberts; 6(4), 241-8 (2002).

Santini, Silvia
Reliability-based Calibration of Partial Safety Coefficients for Fiber-Reinforced Plastic. —Giorgio Monti and Silvia Santini; 6(3), 162-7 (2002).

Sato, Yasuhiko
Study on Behavior in Tension of Reinforced Concrete Members Strengthened by Carbon Fiber Sheet. — Tamon Ueda, Ryuichi Yamaguchi, Kazuteru Shoji, and Yasuhiko Sato; 6(3), 168-74 (2002).

Schuman, P. M.
Ductile Anchorage for Connecting FRP Strengthening of Under-Reinforced Masonry Buildings. —J. D. Hall, P. M. Schuman, and H. R. Hamilton, III; 6(1), 3-10 (2002).

Shao, Yixin
Durability of Fiberglass Composite Sheet Piles in Water. — Yixin Shao and Serge Kouadio; 6(4), 280-7 (2002).

Shoji, Kazuteru
Study on Behavior in Tension of Reinforced Concrete Members Strengthened by Carbon Fiber Sheet. — Tamon Ueda, Ryuichi Yamaguchi, Kazuteru Shoji, and Yasuhiko Sato; 6(3), 168-74 (2002).

Stachula, Anna
Wave Equation Analyses of Fiber-Reinforced Polymer Composite Piling. — Magued G. Iskander and Anna Stachula; 6(2), 88-96 (2002).
Errata for "Wave equation analyses of fiber reinforced polymer composite piling" by Magued G. Iskander and Anna Stachula. — Magued G. Iskander and Anna Stachula; 6(4), 288 (2002).

Svecova, Dagmar
Timber Beams Strengthened with GFRP Bars: Development and Applications. — Chris Gentile, Dagmar Svecova, and Sami H. Rizkalla; 6(1), 11-20 (2002).

Tan, Kiang Hwee
Strength Enhancement of Rectangular Reinforced Concrete Columns using Fiber-Reinforced Polymer. — Kiang Hwee Tan; 6(3), 175-83 (2002).

Ton-That, Tan Minh
Durability of Glass Fiber-Reinforced Polymer Reinforcing Bars in Concrete Environment. — Brahim Benmokrane, Peng Wang, Tan Minh Ton-That, Habib Rahman, and Jean-Francois Robert; 6(3), 143-53 (2002).

Torres-Acosta, Andrés A.
Galvanic Corrosion of Steel in Contact with Carbon-Polymer Composites. I: Experiments in Mortar. — Andrés A. Torres-Acosta; 6(2), 112-5 (2002).
Galvanic Corrosion of Steel in Contact with Carbon-Polymer Composites. II: Experiments in Concrete. — Andrés A. Torres-Acosta; 6(2), 116-22 (2002).

Triantafillou, T. C.
Analysis of FRP-Strengthened RC Beam-Column Joints. — Costas P. Antonopoulos and T. C. Triantafillou; 6(1), 41-51 (2002).
Fiber-Reinforced Polymer Composites for Construction—State-of-the-Art Review. — C. E. Bakis, Lawrence C. Bank, V. L. Brown, E. Cosenza, J. F. Davalos, J. J. Lesko, A. Machida, S. H. Rizkalla, and T. C. Triantafillou; 6(2), 73-87 (2002).

Ueda, Tamon
Study on Behavior in Tension of Reinforced Concrete Members Strengthened by Carbon Fiber Sheet. — Tamon Ueda, Ryuichi Yamaguchi, Kazuteru Shoji, and Yasuhiko Sato; 6(3), 168-74 (2002).

Vatovec, Milan
Evaluation and Carbon Fiber Reinforced Polymer Strengthening of Existing Garage: Case Study. — Milan Vatovec, Paul L. Kelley, Tarek Alkhrdaji, and Antonio Nanni; 6(3), 184-93 (2002).

Wang, Peng
Durability of Glass Fiber-Reinforced Polymer Reinforcing Bars in Concrete Environment. — Brahim Benmokrane, Peng Wang, Tan Minh Ton-That, Habib Rahman, and Jean-Francois Robert; 6(3), 143-53 (2002).

Winistörfer, A. U.
External Prestressed Carbon Fiber-Reinforced Polymer Straps for Shear Enhancement of Concrete. — J. M. Lees, A. U. Winistörfer, and U. Meier; 6(4), 249-56 (2002).

Xu, Han
Structural Characterization of Hybrid Fiber-Reinforced Polymer-Glulam Panels for Bridge Decks. — Roberto Lopez-Anido and Han Xu; 6(3), 194-203 (2002).

Yamaguchi, Ryuichi
Study on Behavior in Tension of Reinforced Concrete Members Strengthened by Carbon Fiber Sheet. — Tamon Ueda, Ryuichi Yamaguchi, Kazuteru Shoji, and Yasuhiko Sato; 6(3), 168-74 (2002).